

CURRICULUM VITAE

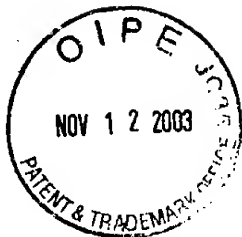
PERSONAL DATA

Name:

Ronald Peter Lesser, M.D.

Address:

2-147 Meyer Building
Johns Hopkins Hospital
600 North Wolfe Street
Baltimore, Maryland 21287-7247



[Home address redacted]

Telephone:

(410) 955-1270

Birth:

January 17, 1946
Los Angeles, California

Marital Status:

Married to the former
Sara Elizabeth Roesler
Two children

RECEIVED

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TECHNOLOGY CENTER R3700

EDUCATIONAL BACKGROUND

Special Fellow: Electroencephalography, Cleveland Clinic Foundation, January 1979 - June 1979.

Residency: Neurology, Neurological Institute of New York, Columbia-Presbyterian Medical Center, New York, New York; July 1976 - January 1979.

Research Fellowship: Neurophysiology and Electroencephalography, Neurological Institute, Columbia-Presbyterian Medical Center, New York, New York; July 1975 - June 1976. Subject: Cortical evoked potentials at the penicillin focus in the cat.

Residency: Psychiatry, New York State Psychiatric Institute, Columbia-Presbyterian Medical Center, New York, New York; July 1973 - June 1976.

Internship: Straight Pediatrics, Mayo Graduate School of Medicine, Rochester, Minnesota; July 1970 - June 1971.

Graduate Education: University of Southern California School of Medicine, Los Angeles, California; September 1966 - June 4, 1970.

Undergraduate Education: Pomona College, Claremont, California: September 1962 - June 1966. B.A. (anthropology), June 1966. William Kirk Memorial Prize (anthropology), June 1966.

PROFESSIONAL APPOINTMENTS

Professor of Neurology and Neurosurgery, Johns Hopkins University School of Medicine. Baltimore, Maryland. August 1993 - .

Member, Zanvyl Krieger Mind/Brain Institute, Johns Hopkins University,. 1989 - present.

Associate Professor of Neurology, Johns Hopkins University School of Medicine. Baltimore, Maryland. July 1986 - August, 1993. Director, The Johns Hopkins Epilepsy Center, and Electroencephalography Laboratory, 1986-1999.

Associate Professor of Neurosurgery, Johns Hopkins University School of Medicine. Baltimore, Maryland. December 1987 - August, 1993.

Staff Neurologist, Department of Neurology, Cleveland Clinic Foundation, Cleveland Ohio. January 1980 -June 1986. Director, Adult Seizure Clinic.

Assistant Clinical Professor of Neurology, Case Western Reserve University School of Medicine, Cleveland, Ohio. July 1980 - June 1986.

Clinical Associate, Department of Neurology, Cleveland Clinic Foundation, Cleveland, Ohio. July 1979 -December 1979.

Senior Assistant Surgeon, U.S. Public Health Service Indian Hospital, Rapid City, South Dakota. July 1971 -June 1973.

CERTIFICATIONS

National Board of Medical Examiners
(July 1971; #109103)

American Board of Psychiatry and Neurology: Psychiatry
(November 1978; #18363)

American Board of Psychiatry and Neurology: Neurology
(October 1980; #21736)

American Board of Qualification in Electroencephalography
(June 14, 1981)

American Board of Sleep Medicine
(March 31, 1984)

American Board of Psychiatry and Neurology: Added Qualifications in Clinical Neurophysiology
(June 26, 1992; #900848)

Certificate of Completion, The Johns Hopkins University School of Medicine, Office of Continuing Medical Education and School of Continuing Studies, Division of Business and Management. "The Business of Medicine." June 26, 1996.

LICENSES

New York:	October 1972, #114233
California:	November 1972, #G23724
Ohio:	November 1978, #42857 (now expired)
Maryland:	May 1986, #D33672

PROFESSIONAL AND RELATED EXPERIENCE

Senior Assistant Surgeon, Community Health Officer, Public Health Service Indian Hospital, Rapid City, South Dakota; July 1971 - June 1973.

Summer Trainee, Neurology, Mayo Graduate School of Medicine, Rochester, Minnesota; May 1969 - September 1969.

Summer Research Fellow, Neuromedicine, University of Southern California School of Medicine, Los Angeles, California; June 1968 - August 1968. Subject: Development of a neurological examination recording form suitable for computer entry purposes.

Summer Research Fellow, Biochemistry, University of Southern California School of Medicine, Los Angeles, California; June 1967 - August 1967. Subject: Investigation of the possible normal presence in human urine of N, N-Dimethyltryptamine, a psychotomimetic amine.

MEMBERSHIPS

American Academy of Neurology (Fellow)
Member, Joint American Academy of Neurology-American EEG Society Committee on Digital EEG and EEG Brain Mapping, 1994-

American Association for the Advancement of Science

American Electroencephalographic Society

Chairman, Guidelines Committee, 1980 - 1986

Program Chairman, American Electroencephalographic Society-

American Epilepsy Society Joint Annual Meeting 1986

Member, Ad Hoc Joint American EEG Society / American Society of EEG Technologists Committee, 1985 - 1986

Member, Council 1987 - 1991

Treasurer, 1988 - 1991

Member, Journal Committee, 1988 -

Member, Electrode Position Nomenclature Committee, 1988 - 1990

Member, Ad-hoc Committee on Guidelines for Polysomnography

Chairman, Committee on Psychophysiological Research, 1991- 1993

Member, Practice of EEG Committee, 1993-1994

Second Alternate Delegate, International Federation of Societies for Clinical Neurophysiology

Eastern Association of Electroencephalographers (1987 -)

Central Association of Electroencephalographers (1979 - 1987)

Chairman, Future Meetings Committee 1983 - 1985

American Epilepsy Society

Chairman, Membership Committee, 1982 - 1984

Program Chairman, American Electroencephalographic Society-

American Epilepsy Society Joint Annual Meeting 1986

Member, Rules Committee, 1984

Member, Lennox Award and Lecture Committee, 1986

Ronald P. Lesser, M.D.

Chairman, Local Arrangements Committee, Annual Meeting, 1987
 Chairman, Committee on Government and Legislative Affairs, 1987-1990
 Member, Committee on Government and Legislative Affairs, 1992-1995
 Member, Lennox Trust Committee, 1991 - 1996
 Liaison to National Association of Epilepsy Centers, 1992-1995
 Consultant, Status Epilepticus Physician Education Program, 1992-1993.
 Chairman, Membership Committee, 1997 - 2000

American Neurological Association (1988 -)

American Psychiatric Association (1974 - 1987)

American Sleep Disorders Association (Fellow)

New York Academy of Sciences

Maryland Neurological Society

Society for Neuroscience

Academy of Aphasia

OTHER APPOINTED ACTIVITIES

Editor, Merritt-Putnam Quarterly, 1989-1992

Associate Editor, Epilepsy Advances, 1988-1992

Consulting Editor, Electroencephalography and Clinical Neurophysiology, 1992-1995

Member, Editorial Board

Electroencephalography and Clinical Neurophysiology, 1992-

Epilepsia, 1992-1997

Epilepsy Advances, 1985-1988

Epilepsy Currents, 2002-

Epilepsy Research, 1987-

Journal of Clinical Neurophysiology, 1990-

Journal of Neurosurgical Anesthesiology, 1990- 96

Neurology 1994-1997

Neuro-View Trends in Clinical Neurology, 1986-1987

Therapeutic Drug Monitoring, 1987- 2001

Thermology, 1990-1994

Ad Hoc Reviewer

Annals of Biomedical Engineering

Annals of Neurology

Ronald P. Lesser, M.D.

Archives of Neurology

Brain

Brain and Language

Electroencephalography and Clinical Neurophysiology

Epilepsia

Journal of the American Medical Association

Journal of Cerebral Blood Flow and Metabolism

Journal of Epilepsy

Journal of The International Neuropsychological Society

Journal of Neurology, Neurosurgery and Psychiatry

Mayo Clinic Proceedings

Muscle and Nerve

Nature - Medicine

Neurology

Neuroscience Letters

Neurosurgery

Pediatric Neuroscience

Psychosomatics

Therapeutic Drug Monitoring

Associate Examiner

American Board of Qualification in Electroencephalography

American Board of Psychiatry and Neurology

Consultant, Advisory Committee on Immunization Practices, Center for Disease Control, Atlanta, Georgia;
December 29, 1976.

Chairman, Workshop on Evoked Potentials, 7th International Congress of
Electromyography. Munich, Federal Republic of Germany. October 12, 1983.

Chairman, American EEG Society-American Society of EEG Technologists Joint Symposium on "Use of
Neurophysiologic Techniques in the Operating Room", American EEG Society Annual Meeting, Salt
Lake City, Utah. September 14, 1984.

Advisory Consultant, NINCDS Site Visit at Minnesota Comprehensive Epilepsy Program, Minneapolis-St.
Paul, Minnesota, December 13-14, 1985.

Special Consultant (ad-hoc reviewer), Fogarty International Fellowship Applications, Biomedical Sciences
Study Section Subcommittee 5, National Institutes of Health, Bethesda, Maryland, January 22-24,
1986.

Ad-hoc reviewer, National Science Foundation research projects awards program, 1986-1987.

Advisory Consultant, Neurological Disorders Program Project Review B Committee, National
Institute of Neurological Disorders and Stroke, Site Visit at Center for Clinical Research
in Epilepsy, University of Washington School of Medicine, Seattle, Washington, July 27-29, 1987.

Member, Neurology C Ad Hoc V Study Section, National Institute of Neurological Disorders and Stroke,
Arlington, Virginia, April 11, 1988.

Member, Ad Hoc Reference Committee on Drug Monitoring
Epilepsy Foundation of America, 1983-1984

Member, Professional Advisory Board

Epilepsy Foundation of America Northeast Ohio Chapter, 1983-1986

Member, National Advisory Committee

Ronald P. Lesser, M.D.

Skills Training and Employment Preparation Service, Epilepsy Foundation of America, Northeast Ohio Chapter, 1984-1986.
 Member, Professional Advisory Board, Epilepsy Foundation of America. July 1987 - 1996
 Member, Continuing and Professional Education Committee. 1987 - 94
 Member, Client and Public Information Committee. 1988 - 93
 Member, Epilepsy Advances Editorial Advisory Committee. 1987 - 1992
 Member, Symposium Review Subcommittee. 1987 - 1989
 Chairman, Symposia Review Subcommittee. 1989
 Member, Materials Development and Oversight Committee,
 Status Epilepticus Project. 1990 - 1993
 Member, Subcommittee on Guidelines. 1991 - 93
 Member, Professional Advisory Board, Epilepsy Association of Maryland
 International Referee, Health Research Council of New Zealand. 1993, 1997
 Member, Risk, Prevention and Health Behavior IRG - Study Section 3, National Institutes of Health 1999-

GRANTS

Collaborating Investigator, American Heart Association Northeast Ohio Affiliate Grant #4251 R.
 "Treatment of Acute Focal Cerebral Ischemia" July 1981 - June 1982

Collaborating Investigator, Cleveland Foundation Grant #81-525-31R. "Treatment of Acute Focal Cerebral Ischemia" January 1981 - December 1982.

Collaborating Investigator, American Heart Association Grant #83-616.
 "Treatment of Acute Focal Cerebral Ischemia" July 1983 - June 1985.

Principal Site Investigator, Warner-Lambert Company Protocol 912-10. "A Study to Determine the Efficacy and Safety of a Range of Doses of CI-912 in the Treatment of Partial Seizures in Medically Refractory Patients." 1985-1986.

Principal Site Investigator, Lorex Pharmaceuticals Protocol LPG14. "Evaluation of the Long Term Efficacy and Safety of Progabide in Epilepsy: A Multicenter Study." 1985-1986.

Principal Site Investigator, Warner-Lambert Company Protocol #945-5-4. "A Double-Blind Placebo-Controlled Multicenter Study to Determine the Safety and Efficacy of Gabapentin as Add-On Therapy in the Treatment of Partial Seizures." 1987-1990.

Co-Investigator, "Glycerol Trierucate Therapy of Adrenoleukodystrophy." NIH Grant #2PO1HD10981.
 January 1988 - December 1990.

Principal Site Investigator, Warner-Lambert Company Protocol #945-13-4, "An Open-Label Multicenter Study of the Safety and Efficacy of Gabapentin as Add-on Therapy in the Extended Treatment of Epileptic Seizures." 1988-1990

Principal Site Investigator, Warner-Lambert Company Protocol #945-15-4, "An Open-Label Multicenter Study of the Safety and Efficacy of Gabapentin As Monotherapy or Add-on Therapy in the Long Term Treatment of Epileptic Seizures." 1988-1990

Ronald P. Lesser, M.D.

Co-Investigator, "Glycerol Trioleate Therapy for ALD/AMN" FDR000227-03. October 1988 - September 1989.

Co-Principal Investigator, National Institutes of Health Grant #1 RO1 NS26553-01, "Language Organization Studied by Cortical Stimulation." April 1989 - March 1994.

Co-Investigator, Seaver Institute Grant: "Dyslexia studied by Direct Electrical Cortical Interference in Humans" Seaver Institute. August 1, 1989 - February 28, 1991.

Principle Site Investigator, Wallace Protocol #253, "Open Label, Follow-up, Long-term Felbamate Therapy in Adult Subjects with Epilepsy." June 1989 - June 1992.

Principle Site Investigator, Wallace Protocol #255, "A Multicenter Open-Label Long-Term Evaluation of the Safety of Felbamate in Subjects with Epilepsy." 1990 - 1992.

Principle Site Investigator, Wallace Protocol #230, "Study of Felbamate as Adjunctive Therapy in Subjects Undergoing Surgical Evaluation of Partial Seizures." August 1989 - August 1991.

Co-Investigator, National Institutes of Health Program Project Grant NS 15080. "Program for the Study of Neuroreceptor Binding in Man." Project 2: "Benzodiazepine Receptor Quantification in Epilepsy." December 1989 - November 1994.

Co-Investigator, "A Program of Research and Training in the Neurobiology of Language". McDonnell Foundation-Pew Charitable Trusts Program in Cognitive Neuroscience. January 1, 1990 - December 31, 1992.

Co-Investigator, "Evoked Responses, Temporal Lobe Anatomy and Symptoms in Schizophrenia". The Scottish Rite Schizophrenia Research Program. August 1, 1990 - July 31, 1992.

Co-Investigator, Follow-Up Study of Neurological Risks in Amateur Boxers". NIH Grant #2RO1 NS26450-04. December 1, 1990 - November 30, 1994.

Co-Principal Investigator, National Institutes of Health Grant #1 RO1 NS29973, "Cognitive and Neuroanatomic Studies of Acquired Dyslexias." December 1, 1992 - November 30, 1997.

PUBLICATIONS

1. Positive Fluorescent Treponemal Antibody Test in Systemic Lupus Erythematosus in Childhood: Report of a case. Lesser RP and O'Connell EJ. Pediatrics 79:1006-1007, 1971.
2. Epidemiologic Features of the Guillain-Barre Syndrome. Lesser RP, Hauser WA, Kurland LT, and Mulder DW. Neurology 23:1269-1272, 1973.
3. Dystonia: A Disorder Often Misdiagnosed as a Conversion Reaction. Lesser RP and Fahn S. American Journal of Psychiatry 135:349-357, 1978.

4. The Effect of Stimulus Intensity on Short Latency Somatosensory Evoked Potentials. Lesser RP, Koehle R, and Lueders H. *Electroenceph Clin Neurophysiol* 47:377-382, 1979.
5. Analysis of the Clinical Problems in Parkinsonism and of the Complications of Long-Term Levodopa Therapy. Lesser RP, Fahn S, Snider SR, Cote LJ, Isgreen WP, Barrett RE. *Neurology* 29:1253-1260, 1979.
6. Acute Generalized Polyneuropathy Accompanying Lithium. Brust JCM, Hammer JS, Challenor Y, Heaton EB, Lesser RP. *Ann Neurol* 6:360-362, 1979.
7. Treatment of Acute Focal Ischemia with Dimethyl Sulfoxide. Little JA, Cook A, Lesser RP. *Neurosurgery* 9:34-39, 1981.
8. Early Somatosensory Potentials Evoked by Median Nerve Stimulation: Intraoperative Monitoring. Lesser RP, Lueders H, Hahn J, Klem G. *Neurology* 31:1519-1523, 1981.
9. Simple Technique for Monitoring Intraoperative Spinal Cord Function. Hahn JF, Lesser RP, Klem G, Lueders H. *Neurosurgery* 9:692-695, 1981.
10. Treatment of Acute Focal Ischemia with Concentrated Albumin. Little JR, Slugg RM, Batchaw JP, Jr., Lesser RP. *Neurosurgery* 9:552-558, 1981.
11. Paradoxical Lateralization of Cortical Potentials Evoked by Stimulation of Posterior Tibial Nerve. Cruse R, Klem G, Lesser RP. *Neurosurgery* 11:16-19, 1982.
12. Preservation of Cochlear Nerve Function with the Aid of Brainstem Evoked Potentials. Hardy RW, Kinney SE, Lüders H, Lesser RP. *Neurosurgery* 11:16-19, 1982.
13. Treatment of Acute Focal Ischemia with Propranolol. Little JR, Latchaw JP, Slugg RM, Lesser RP, Stowe NT. *Stroke* 13:302-307, 1982.
14. Paradoxical Lateralization of Parasagittal Sharp Waves in a Patient with Epilepsia Partialis Continua. Adelman S, Lüders H, Dinner DS, Lesser RP. *Epilepsia* 23:291-295, 1982.
15. Chronic Cortical Electrode Array for Seizure Investigation. Levy WJ, Hahn JH, Lüders H, Lesser RP. *Child's Brain* 9:48-52, 1982.
16. Surgical Monitoring of Spinal Cord Function: Cauda Equina Stimulation Technique. Lüders H, Hahn J, Gurd A, Tsuji S, Dinner D, Lesser RP, Klem G. *Neurosurgery* 11:482-485, 1982.
17. Origin of Far-Field Subcortical Evoked Potentials to Posterior Tibial and Median Nerve Stimulation. Lüders H, Dinner DS, Lesser RP, Klem G. *Arch Neurol* 40:93-97, 1983.
18. Case Report: Disorder of Excessive Somnolence Due to Central Nervous System Lymphoma. Lesser RP, St. Louis P, Dinner DS, Hanson M, Little JR, Slugg Ph. *Neurosurgery* 12:115-119, 1983.
19. Evidence for Epilepsy is Rare in Patients with Psychogenic Seizures. Lesser RP, Lüders H, and Dinner DS. *Neurology* 33:502-504, 1983.

20. Treatment of Acute Focal Cerebral Ischemia with Prostacyclin. Awad I, Little JR, Lucas F, Skrinska V, Slugg R, Lesser RP. *Stroke* 14:203-209, 1983.
21. Modification of Focal Cerebral Ischemia by Prostacyclin and Indomethacin. Awad I, Little JR, Lucas F, Slugg R, Skrinska V, Lesser RP. *J Neurosurg* 58:714-719, 1983.
22. Effects of Verapamil on Acute Focal Cerebral Ischemia. Reedy DP, Little JR, Capraro JA, Slugg RM, Lesser RP. *Neurosurgery* 12:272-276, 1983.
23. Brain Stem Auditory Evoked Potentials in Posterior Circulation Surgery. Little JR, Lesser RP, Lüders H, Furlan AJ. *Neurosurgery* 12:496-502, 1983.
24. Cortical Somatosensory Evoked Potentials in Response to Hand Stimulation. Lüders H, Lesser RP, Hahn J, Dinner D, and Klem G. *J Neurosurg* 58:885-894, 1983.
25. Sensory Seizure Mimicking a Psychogenic Seizure. Lesser RP, Lüders H, Conomy JP, Furlan AJ, and Dinner DS. *Neurology* 33:800-802, 1983.
26. Subcortical Somatosensory Evoked Potentials to Median Nerve Stimulation. Lüders H, Lesser RP, Hahn J, Little J, and Klem G. *Brain* 106:341-372, 1983.
27. Ineffectiveness of DMSO in Treating Experimental Brain Ischemia. Little JR, Spetzler RF, Roski RA, Selman WR, Zabramski J, Lesser RP. *Ann NY Acad Sci* 411:269-277, 1983.
28. Recording of Auditory Evoked Potentials in Man Using Chronic Subdural Electrodes. Lee YS, Lüders H, Dinner D, Lesser RP, Hahn J, Klem G. *Brain* 107:115-131, 1984.
29. The Location of Speech and Writing Functions in the Frontal Language Area: Results of Extraoperative Cortical Stimulation. Lesser RP, Lüders H, Dinner DS, Hahn J, Cohen L. *Brain* 107:275-291, 1984.
30. Far-Field Auditory Evoked Potentials in Near-Miss Sudden Infant Death Syndrome. Lüders H, Orłowski JP, Dinner DS, Lesser RP, Klem G. *Arch Neurology* 41:615-617, 1984.
31. Effect of Stimulus Intensity on Subcortical and Cortical Somatosensory Evoked Potentials by Posterior Tibial nerve Stimulation. Tsuji S, Lüders H, Dinner DS, Lesser RP, Klem G. *Electroenceph Clin Neurophysiol* 59:229-237, 1984.
32. Subcortical and Cortical Somatosensory Potentials Evoked by Posterior Tibial Nerve Stimulation: Normative Values. Tsuji S, Lüders H, Lesser RP, Dinner DS, Klem G. *Electroenceph Clin Neurophysiol* 59:214-228, 1984.
33. Treatment of Acute Focal Cerebral Ischemia with Propranolol. Capraro JA, Reedy DP, Latchaw JP, Slugg RM, Stowe N, Lesser RP, Little JR. *Stroke* 15:486-491, 1984.
34. High Dose Monotherapy in Treatment of Intractable Seizures. Lesser RP, Pippenger CE, Lüders H, Dinner DS. *Neurology* 34:707-711, 1984.

35. Enhanced Gastrointestinal Excretion of Phenytoin in a Patient with Crohn's Disease. Lesser RP, Irace P, Kutt H, Pippenger CE, Winkelman EL, Terrentine S, Gardner M. *Epilepsia* 25:302-307, 1984.
36. Transient Neuropsychological Abnormalities (including Gerstmann's Syndrome) During Cortical Stimulation. Morris HH, Lüders H, Lesser RP, Dinner DS, Hahn J. *Neurology* 34:877-883, 1984.
37. Generalized Epilepsies: A Review. Lüders H, Lesser RP, Dinner DS, Morris HH. *Cleveland Clinic Quarterly* 51:205-226, 1984.
38. Differential Diagnosis and Treatment of Intractable Seizures. Lesser RP, Dinner DS, Lüders H, Morris HH. *Cleveland Clinic Quarterly* 51:227-240, 1984.
39. Medical Therapy for Intractable Complex Partial Seizures. Morris HH, Lesser RP, Lüders H, Dinner DS. *Cleveland Clinic Quarterly* 51:255-260, 1984.
40. An Overview of Therapeutic Drug Monitoring Principles. Pippenger CE and Lesser RP. *Cleveland Clinic Quarterly* 51:241-254, 1984.
41. Cortical Afterdischarge and Functional Response Thresholds: Results of Extraoperative Testing. Lesser RP, Lüders H, Klem G, Dinner DS, Morris HH, Hahn J. *Epilepsia* 25:615-621, 1984.
42. Recovery Functions of Spinal Cord and Subcortical Somatosensory Evoked Potentials to Posterior Tibial Nerve Stimulation: Intrasurgical Recordings. Lüders H, Lesser RP, Gurd A, and Klem G. *Brain Res* 309:27-34, 1984.
43. Thromboxane Synthetase Inhibition in Acute Focal Cerebral Ischemia in Cats. Moufarrij NA, Little JR, Skrinska V, Lucas FV, Latchaw JP, Slugg RM, Lesser RP. *J Neurosurg* 61:1107-1112, 1984.
44. An Introduction to the Basic Concepts of Polarity and Localization. Lesser RP, Lüders H, Dinner DS, Morris H. *J Clin Neurophysiol* 2:45-61, 1985.
45. The Second Sensory Area in Humans: Evoked Potential and Electrical Stimulation Studies. Lüders H, Lesser RP, Dinner DS, Hahn JF, Salanga V, Morris HH. *Ann Neurol* 17:177-184, 1985.
46. Treatment of Acute Focal Cerebral Ischemia and Recirculation with d-Propranolol. Latchaw JP, Little JR, Slugg RM, Lesser RP, Stowe N. *Neurosurgery* 16:18-22, 1985.
47. Patterned Evoked Potentials (PEPs) in Parkinson's Disease. Dinner DS, Lüders H, Hanson M, Lesser RP, Klem G. *Neurology* 35:610-613, 1985.
48. Choosing an Antiepileptic Drug. The Case for Individualized Treatment. Lesser RP and Pippenger CE. *Postgraduate Medicine* 77:225-237, 1985.
49. Visual Potentials Evoked by Light-Emitting Diodes Mounted in Goggles. Lesser RP, Lüders H, Klem G, Dinner DS. *Cleveland Clinic Quarterly* 52:223-228, 1985.
50. Preservation of Voluntary Saccades Following Intracarotid Injection of Barbiturate. Lesser RP, Leigh RJ, Dinner DS, Lüders H, Morris HH, Tomsak RL, Lockwood KI. *Neurology* 35:1108-1122, 1985.

51. Optimizing Stimulating and Recording Parameters in Somatosensory Evoked Potential studies. Lüders H, Lesser RP, Dinner DS, Morris HH. *J Clin Neurophysiol* 2:383-396, 1985.
52. Familial Paroxysmal Hypnogenic Dystonia. Lee BI, Lesser RP, Pippenger CE, Morris HH, Lüders H, Dinner DS, Corrie WS, Murphy WP. *Neurology* 35:1357-1360, 1985.
53. Ipsilateral Trigeminal Sensory Responses to Cortical Stimulation by Subdural Electrodes. Lesser RP, Lüders H, Klem G, Dinner DS, Morris III HH, Hahn J. *Neurology* 35:1760-1763, 1985.
54. Epileptic Seizures Due to Thrombotic and Embolic Cerebrovascular Disease in Older Patients. Lesser RP, Lüders H, Dinner DS, Morris HH. *Epilepsia* 26:622-630, 1985.
55. Post-Operative Neurological Deficits May Occur Despite Unchanged Intraoperative Somatosensory Evoked Potentials. Lesser RP, Raudzens P, Lüders H, Nuwer MR, Goldie WD, Morris HH, Dinner DS, Hahn JF, Shetter AG, Ginsburg HH, Gurd AR. *Ann Neurology* 19:22-25, 1985.
56. Evoked Potentials in Cortical Localization. Lüders H, Dinner DS, Lesser RP, Morris HH. *J Clin Neurophysiol* 3:75-84, 1986.
57. Psychogenic Seizures. Lesser RP. *Neuro-View Trends in Clinical Neurology* 2:1-5, 1986.
58. The Value of Closely Spaced Scalp Electrodes in the Localization of Epileptiform Foci: A Study of 26 Patients with Complex Partial Seizures. Morris HH, Lüders H, Lesser RP, Dinner DS, Klem GH. *Electroenceph Clin Neurophysiol* 63:107-111, 1986.
59. Magnetic Resonance Imaging (1.5 Tesla) in Patients with Intractable Focal Seizures. Lesser RP, Modic MT, Weinstein MA, Duchesneau PM, Lüders H, Dinner DS, Morris HH, Estes M, Chou SM, Hahn JF. *Archives of Neurology* 43:367-371, 1986.
60. Invasive Methods of Somatosensory Evoked Potential Monitoring. Dinner DS, Lüders H, Lesser RP, Morris HH. *J Clin Neurophysiol* 3:1-18, 1986.
61. Basal Temporal Language Area Demonstrated by Electrical Stimulation. Lüders H, Lesser RP, Hahn J, Dinner DS, Morris H, Resor S, Harrison M. *Neurology* 36:505-510, 1986.
62. The Lateralizing Significance of Versive Head and Eye Movements During Epileptic Seizures. Wyllie E, Lüders H, Morris HH, Lesser RP, Dinner DS. *Neurology* 36:606-611, 1986.
63. Electrical Stimulation of Wernicke's Area Interferes with Comprehension. Lesser RP, Lüders H, Morris HH, Dinner DS, Klem G, Hahn J, Harrison M. *Neurology* 36:658-663, 1986.
64. Memory for Objects Presented Soon After Intracarotid Sodium Amobarbital Injections in Patients with Medical Intractable Complex Partial Seizures. Lesser RP, Dinner DS, Lüders H, Morris HH. *Neurology* 36:895-899, 1986.
65. Neurophysiological Techniques as an Aid to Surgical Treatment of Primary Brain Tumors. Morris HH, Lüders H, Hahn JF, Lesser RP, Dinner DS, Estes ML. *Ann Neurology* 19:559-567, 1986.

66. Cortical Potentials Related to Voluntary and Passive Finger Movements Recorded from Subdural Electrodes in Humans. Lee BI, Lüders H, Lesser RP, Dinner DS, Morris HH. *Ann Neurol* 20:32-37, 1986.
67. Mental Deterioration in Epilepsy. Lesser RP, Lüders H, Wyllie E, Dinner DS, Morris HH. *Epilepsia* 27(Suppl 2):S105-S123, 1986.
68. Ipsilateral Forced Head and Eye Turning at the End of the Generalized Tonic-Clonic Phase of Versive Seizures. Wyllie E, Lüders H, Morris HH, Lesser RP, Dinner DS, Goldstick L. *Neurology* 36:1212-1217, 1986.
69. Effect of Etomidate on the Electroencephalogram of Patients with Epilepsy. Ebrahim ZY, DeBoer GE, Lüders H, Hahn JF, Lesser RP. *Anesth Analg* 65:1004-6, 1986.
70. Somatosensory Evoked Potentials (SEP). Lüders H, Lesser RP, Dinner DS, Morris HH and Wyllie E. *Neurology and Neurosurgery Update Series*. 7 (4):1-8, 1986.
71. Psychogenic Seizures. Lesser RP. *Psychomatics* 27 (12):823-829, 1986.
72. Intraoperative Spinal Somatosensory Evoked Potential Monitoring. Dinner DS, Lüders H, Lesser RP, Morris HH, Barnett G, Klem G. *J Neurosurg* 65:807-814, 1986.
73. Four Dichotic Speech Tests Before and After Temporal Lobectomy. Collard ME, Lesser RP, Lüders H, Dinner DS, Morris HH, Hahn JF, Rothner AD. *Ear and Hearing* 7:363-369, 1986.
74. The Source of Paradoxical Lateralization of Cortical Evoked Potentials to Posterior Tibial Nerve Stimulation: Results of Simultaneous Recording with Scalp and Implanted Electrodes. Lesser RP, Lüders H, Dinner DS, Hahn J, Morris HH, Wyllie E. *Neurology* 37:82-88, 1987
75. Extraoperative Cortical Functional Localization in Patients with Epilepsy. Lesser RP, Lüders H, Klem G, Dinner DS, Morris HH, Hahn JF, Wyllie E. *J Clin Neurophysiol* 4:27-53, 1987.
76. EEG in Epilepsy. Lesser RP, Lüders H, Dinner DS, Morris HH, Wyllie E. *BNI Quarterly* 3:42-46, 1987.
77. Electrophysiologic-Pathologic Correlations in Patients with Complex Partial Seizures. Morris III HH, Estes ML, Lüders H, Lesser RP, Dinner DS, Hahn J, Wyllie E. *Arch Neurol* 44:703-708, 1987.
78. Cortical Generators of Somatosensory Evoked Potentials to Median Nerve Stimulation. Dinner DS, Lüders H, Lesser RP, Morris HH. *Neurology* 37:1141-1145, 1987.
79. The 1985 Revision of Guidelines in Electroencephalography. Lesser RP. *Am J EEG Techn* 27:103-109, 1987.
80. Transient Focal Abnormalities of Neuroimaging Studies During Focal Status Epilepticus. Kramer RE, Lüders H, Lesser RP, Weinstein MR, Dinner DS, Morris HH, and Wyllie E. *Epilepsia* 28:528-532, 1987.
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 228. Selective preservation of color processing in severe visual object agnosia. Hart J, Pettis M, Lesser RP, Holcomb H, and Gordon B. American Neurological Association, San Francisco, Oct. 1994.
 229. Regional cortical activation during language and related tasks identified by direct cortical electrical recording. Crone NE, Hart J, Boatman D, Lesser RP, and Gordon B. Brain and Language 47: 466, Oct. 1994.
 230. Recovery and its implications for cognitive neuroscience. Gordon B, Hart J, Lesser RP, and Selnes

OA. Brain and Language 47: 521, Oct. 1994.

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232. Electrocorticographic Coherence Mapping Reveals Tongue Activation Areas of the Human Sensorimotor Cortex. Sherman DL, Nathan SS, Crone NE, Lesser RP, Gordon B, and Thakor NV. Electroenceph clin Neurophysiol 95:21P-22P, 1995.
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234. Combined Spike and Seizure Detector Employing Artificial Neural Networks and a Laplace Estimate Filter. Webber WRS, Wilson K, and Lesser RP. Epilepsia 36(suppl 4):6, 1995.
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258. Surgical Anterior Spinal Cord Injury with Preserved Neurogenic "Motor" Evoked Potential Monitoring. Robert E. Minahan MD; Jehuda P. Sepkuty MD; Ronald P. Lesser MD; Paul D. Sponseller MD; and John P. Kostuik MD. Neurology 56 (suppl 3): A397-A398, 2001.
1. Autosomal dominant nocturnal partial epilepsy (ADNPE) in a Korean Kindred. Cho YW, Motamedi GK, Lesser RP, Sohn SI, Lim JG, Lee H, Yi SD. Epilepsia 42(suppl 7):21, 2001.
2. Efficacy of levetiracetam for treatment of drug-resistant generalized epilepsy. Epilepsia 42(suppl 7):181, 2001.
3. Hypothermia terminates epileptiform discharges in an in vitro epilepsy model. Smith EL, Motamedi GK, Lesser RP, Rogawski MA. Epilepsia 42(suppl 7):230, 2001.
4. When Is Brief Pulse Stimulation Most Likely to Suppress after Discharges? An Approach Using Neighbor Cross-Correlation Coefficient. Lee HW, Webber WRS, Skolasky RL, Beyderman L, Motamedi GK, Mizuno-Matsumoto Y, Cho YW, Lesser RP. Neurology 59 (suppl 1): A453-454, 2002.
48. Quality of life for patients with epilepsy in Korea. Cho YW, Lee JH, Yi SD, Motamedi GK, and Lesser RP. Epilepsia 43 (suppl 7): 94, 2002.
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265. Repetitive Electrical Cortical Stimulation Demonstrates Short Term Plasticity of Cortical Networks. Lee HW, Webber WRS, Crone NE, Lesser RP. Neurology 60 (suppl 1):A353, 2003.
266. EEG Wicket Activity Can Lead to an Erroneous Diagnosis of Epilepsy. Abdallah AE, Krauss GL, Krumholz A, Lesser RP. Neurology 60 (suppl 1): A 358, 2003.

BOOK REVIEWS

1. Attention, Voluntary Contraction and Event-Related Cerebral Potentials. Ed. Desmedt JE. Basel, S Karger, 1977. Neurology 28:739-740, 1978.
2. Fundamentals of Electroencephalography, 2nd Edition. Kooi KA, Tucker RP, Marshall RE. Hagerstown, Harper and Row, 1978. Neurology 29:762, 1979.
3. Cognitive Components in Cerebral Event Related Potentials and Selective Attention. Ed. Desmedt, JE Basel, S Karger, 1979. Neurology 31:116, 1981.

Ronald P. Lesser, M.D.

4. Clinical Uses of Cerebral Brain Stem and Spinal Somatosensory Evoked Potentials. Ed. Desmedt, JE Basel, S Karger, 1980. *Neurology* 31:235, 1981.
5. Clinical Applications of Evoked Potentials in Neurology. Courjon J, Mauguiere F, Revol M (Eds.). *Adv in Neurol*, Vol. 32. Raven Press, New York, 1982. *Epilepsia* 24:385, 1983.
6. Antiepileptic Drugs, 2nd Edition. Woodbury DM, Penry JK, Pippenger CE. Raven Press, New York, 1982. *Therap Drug Monit*, 5:373-374, 1983.
7. Adverse Effects of Antiepileptic Drugs. Schmidt D. Raven Press, New York, 1982. *Therap Drug Monit*, 5:374, 1983.
8. The Epilepsy Handbook. Gumnit RJ. Raven Press, New York, 1983. *Therap Drug Monit*, 5:509-510, 1983.
9. Chronic Toxicity of Antiepileptic Drugs. J Oxley, D Janz, H Meinardi (Eds.). Raven Press, New York, 1983. *Therap Drug Monit*, 6:257-258, 1984.
10. Selected Papers of Morris B. Bender. RP Friedland (Ed.). Raven Press, New York, 1983. *J Clin Neurophysiol*, 2:88, 1985.
11. Neurotransmitters, Seizures and Epilepsy II. Fariello RM, Morselli PL, Lloyd KG, Quesney LF, Engel J Jr. (Eds.). Raven Press, New York, 1984. *Therap Drug Monit*, 7:246, 1985.
12. Biorhythms and Epilepsy. Martins da Silva A, Binnie CD, Meinardi H. (eds.). Raven Press, New York, 1985. *Therap Drug Monit* 8:247, 1986.
13. Tolerance to Beneficial and Adverse Effects of Antiepileptic Drugs. Frey H-H, Froscher W, Koella WP, and Meinardi H (eds.). Raven Press, New York, 1986. *Therap Drug Monit*, in press.
14. Neurobehavioral Problems in Epilepsy. *Advances in Neurology*, volume 55. Smith DB, Treiman DM, and Trimble MM. Raven Press, New York, 1990. *J Clin Neurophysiol* 9:167, 1992.
15. Principles of Brain Stimulation. Yeomans JS. Oxford University Press, New York, 1990. *J Clin Neurophysiol* 9:168, 1992.
16. Electrodiagnosis in Clinical Neurology, 3rd edition. Aminoff MJ. Churchill Livingstone, New York, 1992. *Electroenceph clin Neurophysiol* 86:447, 1993.
17. A Textbook of Epilepsy, 4th edition. - Laidlaw J, Richens A and Chadwick D (eds). Churchill Livingstone, Edinburgh, 1993. *Electroenceph clin Neurophysiol* 90:251, 1994.
18. Photosensitive Epilepsy, New Edition. Harding GFA and Jeavons PM. MacKeith Press, London, 1994. *Nature Medicine* 1:589-590, 1995.

INVITED TALKS

1. Visual Evoked Responses. Eastern and New England Societies of EEG Technologists, Annual Course. Burlington, Vermont, March 7, 1981.
2. Diagnosis and Treatment of Intractable Seizures. Department of Neurology Grand Rounds, University of Texas Southwestern Medical School, Department of Neurology. Dallas, Texas, October 1981.
3. Evaluation of the Patient with Episodic Phenomenon: Epilepsy or ? Tharp B and Lesser R. Workshop at Joint Annual Meeting of American Electroencephalographic Society and American Epilepsy Society. Phoenix, Arizona, November 1982.
4. Operative Monitoring. Evoked Potential Symposium. Duke University Medical Center, Durham, North Carolina, March 1983.
5. Methods of Presurgical Investigations of Focal Seizure Disorders. Central Association of Electroencephalographers Symposium. Indianapolis, Indiana, March 25, 1983.
6. The Use of Subdural and Epidural Electrodes in the Evaluation and Treatment of Intractable Seizures. Given to UCLA Department of Neurology, Los Angeles, California, May 4, 1983.
7. Invasive Evoked Potential Monitoring. Course on Evoked Potential Monitoring in the Operating Room and Critical Care Unit. Nicolet Biomedical Instruments and City of Faith Medical and Research Center, Tulsa, Oklahoma, September 23, 1983.
8. Technical Aspects of Evoked Potential Monitoring. Workshop on Evoked Potentials. 7th International Congress of Electromyography. Munich, Federal Republic of Germany, October 12, 1983.
9. Polarity Convention, Localization, Electrical Fields and Montages. Annual EEG Course, American Electroencephalographic Society. New Orleans, Louisiana, October 17, 1983.
10. Surgery of Epilepsy: Neurophysiologic Evaluation of the Human Cortex Including Evoked Potentials and Cortical Stimulation. Lueders H, Lesser RP. Workshop, American Electroencephalographic Society. New Orleans, Louisiana, October 20, 1983.
11. Somatosensory Evoked Potentials: Anatomy and Physiology. Diagnostic Applications in Neurologic Disease. Operative Monitoring I. Evoked Potential Symposium. Duke University Medical Center, Durham, North Carolina, March 11, 1984.
12. Visual EP's: Methodology and Normal Controls. Lesser RP. Course on Advanced Evoked Potentials. American Academy of Neurology. Boston, Massachusetts, April 9, 1984.

13. Use of Evoked Potentials in the Operating Room. American EEG Society and American Society of EEG Technologists, Joint Symposium on the Use of Neurophysiologic Techniques in the Operating Room. Salt Lake City, Utah, September 14, 1984.
14. Medical Diseases and Disorders Manifested by Seizures: Complications of Cerebrovascular Disease. American Epilepsy Society Course. San Francisco, California, November 6, 1984.
15. Surgical Therapy of Epilepsy at the Cleveland Clinic. Department of Neurology, UCLA School of Medicine, Los Angeles, California, November 14, 1984.
16. Diagnosis and Treatment of Intractable Seizures. Department of Neurology Grand Rounds, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, November 26, 1984.
17. Treatment of Acute Focal Cerebral Ischemia. Pennwalt Corporation Pharmaceutical Division Seminar. Rochester, New York, December 5, 1984.
18. The Auditory Brainstem Response in Neurological Diagnosis. Auditory Evoked Potentials Workshop, Veterans Administration Mid-Atlantic Regional Medical Education Center, Cleveland, Ohio, June 25, 1985.
19. Clinical Correlates of Abnormal VEPs. American Society of EEG Technologists, Annual Course, Orlando, Florida, October 7, 1985.
20. Basic Concepts of Polarity and Localization. American EEG Society, Annual Course, Orlando, Florida, October 7, 1985.
21. Diagnosis and Treatment of Intractable Seizures. Department of Neurology Grand Rounds. Neurological Institute of New York, Columbia-Presbyterian Medical Center, New York, New York, October 30, 1985.
22. Current Trends in Long Term Monitoring and Treatment for Persons with Epilepsy. The Further Evaluation of Patients with Seizures Intractable to Medication. New York State Epilepsy Association Continuing Education Course. Mt. Sinai Medical Center, New York, New York, November 1, 1985.
23. Mental Deterioration in Epilepsy. Merritt-Putnam Symposium. American Epilepsy Society Annual Meeting, New York, New York, December 5, 1985.
24. Newer Methods for the Diagnosis and Treatment of Intractable Seizures. Department of Neurology Grand Rounds, Johns Hopkins Hospital, Baltimore, Maryland, January 21, 1986.
25. Presenter of Workshop. Cortical Functional Mapping by Electrical Stimulation Using Chronic Subdural Electrodes. International Neuropsychological Society Meeting, Denver, Colorado,

- February 5, 1986. J Clin Exp Neuropsychol 7:599, 1986.
26. Use of Extracranial EEG Recordings for the Localization of Focal Seizures. International Conference on the Surgical Treatment of Epilepsy. Palm Springs, California, February 21, 1986.
 27. Extraoperative Diagnostic EEG Evaluation of Patients for Seizure Surgery. Western EEG Society-Western Institute on Epilepsy Joint Meeting. Palm Springs, California, February 27, 1986.
 28. Electroencephalography in Epilepsy. Barrow Neurological Institute Annual Symposium, Phoenix, Arizona, March 1, 1986.
 29. Epilepsy and the Study of the Brain. Johns Hopkins Hospital, Baltimore, Maryland, April 10, 1986.
 30. Seminar Director. The Monotherapy of Epilepsy. American Academy of Neurology Breakfast Seminar No. 327, New Orleans, Louisiana, May 2, 1986. Neurology 36 (Suppl 1):60, 1986.
 31. Recording Techniques and Clinical Correlations of Intraoperative SEP. American Society of Electroencephalographic Technologists Annual Meeting. Philadelphia, Pennsylvania. September 22, 1986.
 32. Visiting Professor, Uniformed Services University of the Health Sciences, Bethesda, Maryland. October 22-23, 1986: Contemporary Concepts of the Evaluation and Treatment of Seizure Disorders. Walter Reed Army Medical Center. October 22, 1986.
 33. Somatosensory Evoked Potentials. Department of Neurology Grand Rounds. Bethesda Naval Hospital, October 23, 1986.
 34. Contemporary Concepts on Evaluation and Treatment of Seizure Disorders. Department of Neurology Grand Rounds. Bethesda Naval Hospital. October 23, 1986.
 35. Current Trends in Medical and Surgical Treatment of Epilepsy. (with R. Fisher, M.D.) Epilepsy Association of Maryland Professional Symposium: "Perspectives of Epilepsy." Baltimore, Maryland, October 24, 1986.
 36. Surgical Considerations in Epilepsy. Panel Discussion before the Maryland Neurological Society. Baltimore, Maryland, December 4, 1986.
 37. The Role of Electroencephalography in the Treatment of Intractable Seizures. Maryland Electroencephalographic and Neurodiagnostic Technicians Association. Baltimore, Maryland. December 13, 1986.
 38. Aspects of Psychosis, Seizures, and Psychogenic Seizures. Department of Psychiatry Grand Rounds, Washington Veterans Administration Medical Center, Washington, D.C. February 6,

1987.

39. Seminar Director. Clinical Differentiation of Seizure Disorders. American Academy of Neurology Breakfast Seminar #327. New York City. April 11, 1987.
40. Newer Techniques in EEG. American Academy of Neurology Annual Course #221: Clinical EEG. New York City. April 11, 1987.
41. Epilepsy Monitoring. American Association of Neuroscience Nurses. Baltimore, Maryland. April 13, 1987.
42. EEG and Evoked Potentials in the Operating Room. Eastern Society of Electroencephalographic and Neurodiagnostic Technologists Spring Meeting. Baltimore, Maryland. April 25, 1987.
43. Fits, Faints, and Facsimiles: Behavioral Aspects of Seizures and Pseudoseizures. Member of faculty of a program on the satellite television series "Mind and Body," on Health Information Network. Princeton, New Jersey. May 1, 1987.
44. Intensive Monitoring for Epilepsy. Hans Berger Day, Medical College of Virginia. Richmond, Virginia. May 18, 1987.
45. Intensive Monitoring. Epilepsy Association of Maryland Symposium on "The Child with Epilepsy." Baltimore, Maryland. May 22, 1987.
46. Intensive Monitoring for Epilepsy. Washington Hospital Center Monthly Staff Meeting, Washington, D.C. May 27, 1987.
47. Selection of Epilepsy Patients for Seizure Surgery. American Neurological Association Annual Meeting. San Francisco, California. October 20, 1987. *Annals of Neurology* 22:107, 1987.
48. Current Concepts Regarding the Diagnosis and Treatment of Seizures. Grand Rounds, Memorial Hospital, Pawtucket, Rhode Island. November 11, 1987.
49. Cerebrovascular Disease as a Cause of Epilepsy. Symposium on Predictors of Epilepsy, American Epilepsy Society Annual Meeting. Baltimore, Maryland. December 8, 1987. *Epilepsia* 28:620, 1987.
50. Management of Intractable Seizures. Neurology Grand Rounds, Albert Einstein Medical College, Bronx, New York. December 2, 1987.
51. Diagnosis and Treatment of Seizure Disorders. Winchester, Virginia, January 6, 1988.
52. Current Concepts Regarding the Management of Epilepsy. Neurology Grand Rounds, University of Medicine and Dentistry of New Jersey, New Brunswick and Newark, New Jersey. February 3,

1988.

53. Current Concepts in the Treatment of Seizures. Saint Joseph Hospital Symposium on Practical Neurology for the Primary Care Physician. Towson, Maryland. March 12, 1988.
54. Electrodiagnostic Testing in Epilepsy. American Academy of Neurology Annual Course Number 204. Cincinnati, Ohio. April 17, 1988.
55. Seminar Director. Diagnosis of Non-Convulsive Status. American Academy of Neurology Dinner Seminar Number 407. Cincinnati, Ohio. April 17, 1988.
56. Seminar Director. Psychosocial Characteristics of Psychogenic Seizures. American Academy of Neurology Dinner Seminar Number 414. Cincinnati, Ohio. April 18, 1988.
57. Sleep and Epilepsy. Epilepsy Association of Maryland Symposium on "Epilepsy and its Imitators." Baltimore, Maryland. May 6, 1988.
58. Diagnosis and Treatment of Intractable Seizures. Northern Virginia Consortium for Neurological Care. Alexandria Hospital, Alexandria, Virginia. May 7, 1988.
59. Neurophysiological and Neuropsychological Concomitants of Epilepsy in Humans. Department of Neurology Spring Symposium on Epilepsy. University of Virginia Medical Center, Charlottesville, Virginia. May 10, 1988.
60. Anticonvulsant Management of Epilepsy. Fairfax Hospital, Falls Church, Virginia. May 24, 1988.
61. Cognitive and Emotional Effects of Epilepsy. Metropolitan Hospital, New York City, New York. May 25, 1988.
62. Arriving at the Surgical Options for Intractable Seizures. Ciba-Geigy Conference on "Carbamazepine's Place in Antiepileptic Drug Therapy." Hot Springs, Virginia. June 2, 1988.
63. Approaches to Intractable Seizures. Florida Society of Neurology/Epilepsy Foundation of Florida Combined Meeting. Orlando, Florida. July 15, 1988.
64. Contemporary Concepts of Epilepsy Surgery. Florida Society of Neurology/Epilepsy Foundation of Florida Combined Meeting. Orlando, Florida. July 16, 1988.
65. Diagnosis and Treatment of Intractable Seizures. Montgomery General Hospital Medical Surgical Grand Rounds. August 18, 1988.
66. Seminar Director. Corticography and Intracranial Monitoring. American EEG Society / American EMG Society Joint Annual Meeting. San Diego, California. October 4, 1988.

Ronald P. Lesser, M.D.

67. Diagnosis and Treatment of Intractable Seizures. Nassau County Medical Center. East Meadow, New York. November 18, 1988.
68. New Techniques for the Diagnosis and Treatment of Intractable Seizures. National Institute of Neurological Disorders and Stroke, National Institutes of Health. Bethesda, Maryland. January 6, 1989.
69. Epilepsy-Seizure Control and Diagnosis. Malcom-Grow Medical Center. Andrews Air Force Base, Maryland. January 27, 1989.
70. Diagnosis and Treatment of Intractable Seizures. Dewitt Army Hospital. Ft. Belvoir, Virginia. March 6, 1989.
70. Evaluation of Intractable Seizures. Department of Neurology Grand Rounds, Medical College of Pennsylvania. Philadelphia, Pennsylvania. March 14, 1989.
71. Diagnosis and Treatment of Intractable Seizures. Mercy Catholic Medical Center. Darby, Pennsylvania. April 5, 1989.
72. Medical Alternatives for Uncontrolled Seizures. American Academy of Neurology Course Number 145, "Clinical Epilepsy." Chicago, Illinois. April 13, 1989.
73. Surgery for Epilepsy. American Academy of Neurology Course Number 344, "Therapy in Neurology." Chicago, Illinois. April 18, 1989.
74. Visiting Professor, Department of Neurology, Mayo Clinic, Rochester, Minnesota. May 16-17, 1989.
75. Management of Epilepsy. Alexian Brothers Hospital. Elizabeth, New Jersey. June 7, 1989.
76. Long-term Assessment of Patients with Intractable Seizures. Massachusetts General Hospital, Boston, Massachusetts, June 14, 1989.
77. Diagnosis and Treatment of Intractable Seizures. Department of Neurology Grand Rounds. Massachusetts General Hospital. Boston, Massachusetts. June 15, 1989.
78. Evaluation of Intractable Seizures. Department of Neurology Grand Rounds, Loyola University Medical Center, Chicago, Illinois. September 8, 1989.
79. Current Concepts Regarding the Management of Epilepsy. Department of Neurology Grand Rounds, Emory University, Atlanta, Georgia. September 15, 1989.
80. An Overview of Diagnosis and Treatment of Seizure Disorders. Gilmore Center, Kalamazoo, Michigan. September 29, 1989.

81. Neurophysiological Investigations in Connection with Epilepsy Surgery. University of Umeå. Umeå, Sweden, October 27, 1989.
82. Preoperative Investigations in Epilepsy Surgery. Department of Neurology Grand Rounds, University of Göteborg, Göteborg, Sweden. October 31, 1989.
83. Contemporary Concepts Regarding the Diagnosis and Treatment of Epilepsy. Department of Neurology Grand Rounds, George Washington University Medical Center, Washington, D.C. November 10, 1989.
84. Diagnosis and Treatment of Intractable Seizures. Department of Neurology Grand Rounds, Lahey Clinic Medical Center. Burlington, Massachusetts. November 15, 1989.
85. Diagnosis and Treatment of Intractable Seizures. Department of Neurology Grand Rounds, Downstate Medical Center, Brooklyn, New York. December 13, 1989.
86. Principles of Anticonvulsant Management. Department of Neurology Grand Rounds, Naval Medical Center, Bethesda, Maryland. January 12, 1990.
87. Current Methods for Investigating and Treating Intractable Seizure Disorders. Suburban Hospital, Bethesda, Maryland. January 31, 1990.
88. Prognosis and Treatment of Epilepsy. Albert Einstein Medical Center. Philadelphia, Pennsylvania. February 27, 1990.
89. Treatment of Epilepsy. Department of Neurology Grand Rounds, Temple University School of Medicine. Philadelphia, Pennsylvania. February 27, 1990.
90. Non-Convulsive Neurologic Aspects of Non-Epileptic Seizures. Conference on: The Dilemma of Non-Epileptic (Pseudoepileptic) Seizures. Fort Lauderdale, Florida. March 1-3, 1990.
91. Assessment of Surgical Outcome. Lesser RP and Fisher R. NIH Consensus Development Conference on Surgery for Epilepsy, March 19-21, 1990. Bethesda, Maryland.
92. Current Concepts Regarding the Diagnosis and Treatment of Seizure Disorders. Department of Neurology Grand Rounds, Barrow Neurological Institute, St. Joseph's Hospital, Phoenix, Arizona. April 20, 1990.
93. New Methodologies for the Evaluation of Seizure Disorders. Hans Berger Symposium, Medical College of Virginia, Richmond, Virginia. May 21, 1990.
94. Moderator, Seminar on Adult Seizures. Second Cleveland Clinic International Epilepsy Symposium. June 20, 1990.

Ronald P. Lesser, M.D.

95. Johns Hopkins Experience with Extraoperative vs Intraoperative Functional Mapping. Seminar. Second Cleveland Clinic International Epilepsy Symposium. June 22, 1990.
96. EEG Digitalization: Format for Storage and Interlab Transmission. Workshop. Second Cleveland Clinic International Epilepsy Symposium. June 23, 1990.
97. Functional Mapping of the Human Brain. Johns Hopkins University Mind-Brain Institute, Cross Keys Inn, Baltimore, Maryland. June 29-30, 1990.
98. Diagnosis and Treatment of Intractable Seizures. Department of Neurology Grand Rounds, George Washington University Hospital, Washington, D.C. July 13, 1990.
99. Anticonvulsant Management of Seizure Disorders. Department of Neurology Grand Rounds, Bowman Gray School of Medicine, Winston-Salem, North Carolina. July 17, 1990.
100. Epilepsy-Current Treatment. Kaiser Permanente, Grand Rounds, Raleigh, North Carolina. September 13, 1990.
101. Epilepsy and Psychiatry. Department of Psychiatry Grand Rounds, Robert Wood Johnson School of Medicine, Cooper Hospital, Camden, New Jersey. September 14, 1990.
102. Diagnosis and Management of Intractable Seizures. Howard University Hospital, Washington, D.C. September 21, 1990.
103. Testing New Medicines: The Why and How of Clinical Trials. EFA National Conference "New Realities". Alexandria, Virginia, October 7, 1990.
104. Treating Epilepsy: Monitoring Update. EAM Symposium "Epilepsy in the '90's..Medical & social Issues. Baltimore, Maryland, October 12, 1990.
105. Mapping Cerebral Function by Electrical Stimulation. Eastern Assn. of Electroencephalographers "New Developments in the In Vivo Imaging of Brain Structure and Function. St. Vincent's Hospital, New York, November 28, 1990.
106. Diagnosis and Treatment of Intractable Seizures. Johnstown, Pennsylvania. December 13, 1990.
107. Seizure Disorders and Current Drug Treatment. Washington Adventist Hospital, Takoma Park, Maryland. December 14, 1990.
108. Seizure Disorders - Diagnosis and Surgical Treatment. St. Joseph's Hospital, Towson, Maryland. December 19, 1990.
109. Diagnosis and Treatment of Epilepsy. Southern Maryland General Hospital, Clinton, Maryland. February 20, 1991.

110. Current Concepts Regarding the Diagnosis and Treatment of Seizure Disorders. Neurology Grand Rounds, University of Virginia Hospital, February 22, 1991.
110. The Diagnosis and Treatment of Intractable Seizures. Neurology Grand Rounds, Walter Reed Army Medical Center, Washington, D.C., February 27, 1991.
111. Medical and Surgical Options for the Treatment of Epilepsy. Sibley Memorial Hospital, Washington, D.C., April 5, 1991.
112. Selection and Management of Candidates for Epilepsy Surgery. Neurology Grand Rounds, Cornell University-New York Hospital Medical Center, New York, New York. April 9, 1991.
113. Diagnosis and Treatment of Seizure Disorders. Neurology Grand Rounds, Mt. Sinai Hospital School of Medicine. New York, New York. April 10, 1991.
114. Evaluation of Patients with Epilepsy. Delaware Academy of Medicine, Wilmington, Delaware. April 30, 1991.
115. Diagnosis and Treatment of Intractable Seizures. Neurology Center, Chevy Chase, Maryland. May 13, 1991.
116. Update on Epilepsy. Kent-Queen Anne's Hospital, Chestertown, Maryland. May 29, 1991.
117. Cognitive and Emotional Correlates of the Epilepsies. Neurology-Psychiatry Joint Conference, Crozier-Chester Medical Center, Chester, Maryland, June 12, 1991.
118. Seizure Disorders. Montgomery General Hospital, Olney, Maryland. June 13, 1991.
119. Evaluation of Candidates for Epilepsy Surgery. Department of Neurology Grand Rounds, University of Maryland, Baltimore, Maryland. September 4, 1991.
120. Epilepsy. Department of Medicine Grand Rounds, National Naval Medical Center, Bethesda, Maryland. September 13, 1991.
121. Assessment of Candidates for Epilepsy Surgery. Epilepsy Program, New York University Medical Center-Hospital for Special Surgery. September 20, 1991.
122. Surgical Treatment of Epilepsy. Department of Neurology Grand Rounds, State University of New York - Downstate Medical Center, Brooklyn, New York. September 25, 1991.
123. Diagnosis and Treatment of Seizure Disorders. Department of Medicine Grand Rounds, Greater Baltimore Medical Center. September 26, 1991.

124. Epilepsy. Department of Neurology Grand Rounds. National Naval Hospital, Bethesda, Maryland. September 27, 1991.
125. Current Methods for the Analysis of Patients with Seizure Disorders. Department of Neurology Grand Rounds, University of California School of Medicine, San Francisco, California. February 19, 1992.
126. Epilepsy. Harrisburg Hospital, Harrisburg, Pennsylvania. March 25, 1992.
127. EEG Evaluation for Epilepsy Surgery. Given as part of course on "Progress in Epilepsy: New Concepts in Diagnosis and Management" sponsored by Medical College of Virginia. Baltimore, Maryland, March 28, 1992.
128. Language Function in the Brain. Medical Grand Rounds, The Milton S. Hershey Medical Center, Pennsylvania State University, Hershey, Pennsylvania, April 30, 1992.
129. Digital EEG in Epilepsy. During Symposium on: Impact of Digital EEG on Neurodiagnosis. American Academy of Neurophysiology. June 26, 1992.
130. Recovery of Function Following Injury to Essential Cortical Areas. Participant in symposium sponsored by American EEG Society. San Francisco, California, September 18, 1992.
131. Digital EEG. Given to BA User Group Satellite Symposium, Japanese Society of EEG and EMG, Tokyo, Japan. October 7, 1992.
132. Design Principles for Computerized EEG. Given as part of Symposium sponsored by Boi-Logic Systems Corporation, Taipei, Taiwan. October 12, 1992.
133. What we have Learned about Treating Epilepsy and what Epilepsy has Taught us about the Brain. Department of Brain Pathophysiology, Kyoto University Faculty of Medicine, Kyoto, Japan. October 14, 1992.
134. Aspects of the Diagnosis and Treatment of Patients with Intractable Seizures. Departments of Neurosurgery and Neurology, School of Medicine, University of Occupational and Environmental Health, Kitakyushu, Japan. October 15, 1992.
135. Surgical Treatment. Given as part of Symposium on: "Epilepsy. Today & Tomorrow: What, Why, When & How." Sponsored by The epilepsy Association of Maryland, The University of Maryland School of Medicine, The Maryland Nurses Association. Baltimore, Maryland. Friday, November 13, 1992.
136. The Appropriate Use of Electrodiagnostic Tests: When to Order EEG and Evoked Potentials. Given as part of course: "Neurology for the Primary Practitioner." Baltimore, Maryland, December 12, 1992.

137. What Has Epilepsy Taught Us About the Brain. Department of Neurology, University of Pittsburgh, Pittsburgh, Pennsylvania, January 13, 1993.
138. Surgery of Epilepsy. Department of Neurology Grand Rounds, Boston University, January 28, 1993.
139. Director, Symposium on "Functional and Anatomical Imaging in Neurophysiology and Epilepsy, American Society of Neuroimaging, Orlando, Florida, February 5, 1993.
140. Overview: Electrophysiological Data Acquisition. Given as part of symposium on "Functional and Anatomical Imaging in Neurophysiology and Epilepsy, American Society of Neuroimaging, Orlando, Florida, February 5, 1993.
141. Approaches to Candidates for Epilepsy Surgery. Medical College of Pennsylvania, Philadelphia, Pennsylvania, March 16, 1993.
142. Current Insights Regarding the Treatment of Epilepsy. Department of Medicine, Harbor Hospital, Baltimore, Maryland. May 7, 1993.
143. Practical Issues in Epilepsy Diagnosis. Given as part of Second Annual Albany Epilepsy Symposium, Albany Medical College, Albany New York. May 21, 1993.
144. Cortical Localization. American Society of Neurophysiological Monitoring Annual Meeting. Baltimore, Maryland. May 22, 1993.
145. Refractory Epilepsy & Management Aspects. Medical Grand Rounds, Perry Point Veterans' Administration Medical Center, Perry Point, Maryland. May 26, 1993.
146. Current Insights Regarding the Treatment of Epilepsy. Department of Medicine, Liberty Medical Center, Baltimore, Maryland. June 2, 1993.
147. Current Insights Regarding the Treatment of Epilepsy. Department of Medicine, Sinai Hospital of Baltimore. Baltimore, Maryland. June 9, 1993.
148. Continuous EEG Monitoring. Department of Neurology Grand Rounds, North Shore University Hospital, Manhasset, Long Island, New York. July 30, 1993.
149. New Methods for the Electrophysiological Diagnosis of Seizures. Tidewater Neurological Society, Norfolk, Virginia. September 14, 1993.
150. Diagnosis and Treatment of Epilepsy. Internal Medicine Grand Rounds, Eastern Virginia Medical School, Norfolk, Virginia. September, 15, 1993.

151. Clinical Applications: Central> Given at American Association of Electrodiagnostic Medicine - American EEG Society Joint Symposium on Quantitative Electrophysiology in Clinical Practice. AAEM - AEEGS Joint Annual Meeting, New Orleans, Louisiana. October 10, 1993.
152. Neural Networks and Seizure Detection. Lesser R and Litt B. Breakfast Workshop given at American Electroencephalographic Society Annual Meeting. October 11, 1993.
153. Developments in the Treatment of Epilepsy. Harford Memorial Hospital, Havre de Grace, Maryland, November 2, 1993.
154. The Management of the Adult Patient with Epilepsy. Carolinas Epilepsy Center and Presbyterian Specialty Hospital Seizure Monitoring Unit. Charlotte, North Carolina. February 4, 1994.
155. Treatment of Epilepsy. Department of Neurology, Hahnemann University Medical Center, Philadelphia, Pennsylvania. February 11, 1994.
156. Treatment of the Patient with Intractable Epilepsy. Neurology Clinic, Tuscaloosa, Alabama, March 15, 1994.
157. The Management of the Adult Patient with Epilepsy. Department of Neurology Grand Rounds, University of Alabama Hospital, Birmingham, Alabama. March 16, 1994.
158. Management of Epilepsy. Children's Hospital, Miami, Florida. March 25, 1994.
159. Studies of Organization of Language and Cognition in the Brain of Patients with Epilepsy. Department of Neurology, Wayne State University, Detroit, Michigan. September 23, 1994.
160. Indications of Electroencephalography and Video EEG Monitoring. Good Samaritan Hospital, Baltimore, Maryland. September 21, 1994.
161. Diagnosis and Treatment of Seizure Disorders. Department of Internal Medicine Grand Rounds, St. Agnes Hospital, Baltimore, Maryland. September 29, 1994.
162. Evaluation in Patients with Epilepsy. 17th Japanese Penfield Memorial Meeting, Tokushima, Japan. October 23, 1994.
163. Preoperative Evaluation of Pediatric Epilepsy Patients. 53rd Annual Meeting of the Japan Neurosurgical Society, Tokushima, Japan. October 28, 1994.
164. Use of Signal Analysis for the Evaluation of Patients with Seizure Disorders. Japan Society of EEG and EMG, Sendai, Japan. October 27, 1994.
165. The Assessment of Cognitive Function Utilizing Cortical Stimulation. Linguistics Section, New York Academy of Sciences, New York, New York. November 7, 1994.

166. Diagnosis and Treatment of Seizure Disorders. Medical Grand Rounds, Franklin Square Hospital, Baltimore, Maryland. November 10, 1994.
167. Electrodiagnostic Testing of the Central Nervous System. Department of Medicine Grand Rounds, Greater Baltimore Medical Center, December 22, 1994.
168. Selection of Patients for Epilepsy Surgery. Department of Neurology Grand Rounds, New York Medical College, Valhalla, New York. March 1, 1995.
169. Surgical Approaches to Patients with Intractible Seizures. Department of Neurology Grand Rounds, University of Illinois Chicago, Chicago, Illinois. April 27, 1995.
170. Rational Approach to Treatment. Merrit-Putnam Lectures on Epilepsy, Philadelphia, Pennsylvania. June 3, 1995.
171. Introduction to Epilepsy. Epilepsy Foundation of America 1995 National Conference. August 18, 1995.
172. Surgery of Epilepsy. Epilepsy Foundation of America 1995 National Conference. August 19, 1995.
173. An Integrated Approach to the Treatment of Epilepsy. Epilepsy Association of Maryland Symposium on "Treatment of Epilepsy." Frederick Maryland. November 3, 1995.
174. Psychogenic Seizures. Epileptology: Comprehensive Review with Practical Exercises. Symposium Organized by Department of Neurology, Cleveland Clinic. Hilton Head, South Carolina. November 6, 1995.
175. Seizure Disorders. Department of Medicine Grand Rounds, Union Memorial Hospital, Baltimore, Maryland. November 14, 1995.
176. Cerebral Function as Revealed by Cortical Stimulation. Lewis P. Rowland Professorship
177. Treatment Advances in Epilepsy. Department of Neurology, Northwestern University, Chicago, Illinois. September 17, 1996.
178. Normal and Abnormal EEGs in Adults. Second Neuroscience Colloquium, Tan Tock Seng Hospital, Singapore. October 18, 1996.
179. Pre-surgical Evaluation for Epilepsy Surgery. Second Neuroscience Colloquium, Tan Tock Seng Hospital, Singapore. October 20, 1996.
180. Psychogenic Seizures. Second Neuroscience Colloquium, Tan Tock Seng Hospital, Singapore.

October 20, 1996.

181. Management of Epilepsy. St. Joseph's Hospital and Medical Center, Patterson, N.J., February 26, 1997.
182. Treatment of Complex Partial Seizures. Department of Neurology, St. Vincent's Hospital, New York, New York, April 10, 1997.
183. Surgery for Seizure Disorders. New York Medical College Symposium on Epilepsy, May 17, 1997.
184. Diagnosis and Treatment of Seizure Disorders. Harbor Hospital, Baltimore Maryland. July 18, 1997.
185. Seizure Disorders. Walter Reed Army Medical Center, Washington, D.C., December 3, 1997.
186. Motor and Sensory Mapping. American Epilepsy Society Annual Course, Boston, Massachusetts, December 7, 1997.
187. New Anticonvulsant Drugs. Minisymposium on Recent Advances in Epilepsy, American Academy of Clinical Neurophysiology Annual Meeting, New Orleans, Louisiana, January 30, 1998.
188. Special Considerations for Managing the Elderly with Epilepsy. American Epilepsy Society Merritt-Putnam Lectures on Epilepsy. Phoenix, Arizona. October 10, 1998.
189. Violence and Epilepsy. The Fall 1998 Joint Conference, Clifton T. Perkins Hospital Center & The medical Services of the Circuit Court for Baltimore City & University of Maryland Division of Forensic Psychiatry. Jessup, Maryland. November 12, 1998.
190. Treatment of Epilepsy in Adults. 18th Annual U.S. Army Medical Department Neurology Conference. A Update in Neurology. @ November 19, 1998.
191. Epilepsy. Harbor Hospital Center. Baltimore, Maryland. December 18, 1998.
192. Seizure Disorders. Huntington Hospital. Pasadena, California. February 22, 1999.
193. Functional organization of human cortex as documented with implanted electrodes. California Institute of Technology, Pasadena, California. February 22, 1999.
194. Information learned from subdural grid recordings in patients with intractable epilepsy. University of Southern California, Los Angeles, California. February 23, 1999.
195. Brain stimulation. Cedars-Sinai Medical Center, Los Angeles, California. February 23, 1999.
196. Update on the Treatment of Epilepsy. King-Drew Medical Center, Los Angeles, California. February 25, 1999.
197. Crisis psicógenas. Mesa redonda: Trastornos psiquiátricos y epilepsia. Li Reunión Anual del Sociedad Española de Neurología, Barcelona, December 16, 1999.

198. Brain stimulation of patients with seizures. Rhode Island Hospital, Brown University. April 19, 2000.
199. Brain stimulation in patients with epilepsy. University of Wisconsin, Madison, Wisconsin. May 19, 2000.
200. Cortical stimulation for the treatment of epilepsy. Southern Epilepsy and EEG Society Annual Meeting. June 3, 2001.
201. Epilepsy surgery and deep brain stimulation. Hackensack University Medical Center Epilepsy Symposium. Teaneck, New Jersey. June 7, 2001.
202. Psychogenic Seizures. Department of Neurology Grand Rounds, University of Florida, Gainesville, Florida, November 19, 2002.
203. Cortical stimulation. BRP Quantitative Neuroscience/Neural Engineering Seminar. University of Florida, Gainesville. November 19, 2002.
204. Stimulation using Subdural Grids. Montreal Neurological Institute, Montreal Canada. January 23, 2003.

COMMITTEES AND PRESENTATIONS AT JOHNS HOPKINS

1. Management of Epilepsy. Department of Epilepsy Conjoint Clinics. November 1, 1986.
2. Chair, Department of Neurology Ad-hoc Committee on Brain Death. 1986-1987.
3. Member, Department of Neurology Ad-hoc Committee on Ambulatory Care. 1987-
4. Member, Department of Neurology Ad-hoc Committee on Computerized Data Bases. 1987-
5. Technical Aspects of Evoked Potential Recording. Department of Anesthesiology and Critical Care Medicine Lecture Series. March 20, 1987.
6. Diagnosis of Psychogenic Seizures. Topics in Clinical Medicine, The Johns Hopkins University School of Medicine, Baltimore, MD. May 15, 1987.
7. Analysis of EEG of Patients with Intractable Seizures. SSD Group, Applied Physics Laboratory. May 27, 1987.
8. Epilepsy Monitoring. The Johns Hopkins Medical and Surgical Association Biennial Meeting. June 12, 1987.
9. Discussant, "Case Presentations: Epilepsy." as a part of a course entitled: Imaging Living Brain Chemistry: Principles and Practice. March 18, 1988.
10. Member, Ambulatory Care Information Systems Committee, 1988- .
11. Lectures: Epilepsy I and II. For the course "Introduction to the Human Brain. Mind-Brain Institute.

November 2 and 4, 1988.

12. Member, Committee on Advisory Board Fellows and Professors, Johns Hopkins Applied Physics Laboratory. July 1, 1989 - June 30, 1991.
13. Lecture: Evaluation of Seizure Disorders in the Epilepsy Monitoring Unit". for the Divisions of Nuclear Medicine and Radiation Health Sciences. April 4, 1990.
14. Ad Hoc Consultant, Ethics Committee. July 1, 1989 - June 30, 1991.
15. Member, Neurology Department Committee on Appointments and Promotions. October, 1990 - June, 1991.
16. Lecture: "Epilepsy: Diagnosis and Treatment", Department of Neurosurgery, October 24, 1990.
17. Lecture: "Evoked Potentials", Department of Neurosurgery, February 20, 1991.
18. Lecture: "The Epilepsy Monitoring Unit", Department of Biomedical Engineering, April 19, 1991.
19. Lecture: "THE PROBLEM: Drug Refractory Epilepsy. PET and SPECT. Imaging of Living Brain Chemistry in Health and Disease. Given as part of course at Johns Hopkins Medical Institutions. March 12, 1992.
20. Member, Quality Council Subcommittee on Ancillary Services and Supporting Information Services, Johns Hopkins Outpatient Center, 1993 - 1994
21. Lecture: "Visualization Opportunities in the EEG," JHU Conference on Sensory Engineering: The Science of Virtual Environments. June 28, 1993.
22. Member, Physician Notification (Medical Records) Committee, 1993 - 1994
23. Ad-Hoc Consultant, Ethics Committee
24. Lecture: "Treatment of Epilepsy." Conjoint Clinic. May 14, 1994.
25. Member, Johns Hopkins Clinical Systems Advisory Committee, 1994 -
26. Lecture: "Epilepsy and Cortical Function Monitoring," Neuroengineering Symposium, Biomedical Engineering Department, November 4, 1994.
27. Member, Clinical Systems Advisory Committee, 1994-
28. Chairman, Johns Hopkins Electronic Record Steering Committee, 1995 -
29. Member, Telemedicine Task Force, 1994
30. Member, Clinical Data and Documentation Committee, 1996-
31. Member, Medical Records Documentation Compliance Steering Committee, 1996- 1997

32. Chairman, Ad-hoc Committee on Compliance Implementation Methods, 1966- 1997
33. Member, Electronic Patient Record User Group, 1996-
34. Lecture: "The Electronic Patient Record." Given as part of course on Managed Care: Perspectives and Practices, School of Continuing Studies, Division of Business and Management, The Johns Hopkins University, November 7, 1996, March 5, 1997, March 31, 1998.
35. Member, Administrative Committee of the Medical Board, 1997
36. Lecture: "Management of Epilepsy." Fourth year medical student course on Rational Therapeutics, 1997-2002
37. Lecture: "Status epilepticus." Johns Hopkins Course on Neurological and Neurosurgical Emergencies. June 25, 1999.
38. Chair, Electronic Patient Record Users' Group, 2000-
39. Lesser RP and Johnson KB. Electronic Aids for Clinical Care. The Johns Hopkins Medical and Surgical Association, Biennial Meeting. June 8, 2001.
40. Lecture: "Anticonvulsants and How to Use Them." Neurology for the Primary Care Practitioner, December 7, 2002.

PATENTS

1. Olsen; Dale E; Lesser; Ronald P.; Harris; John C. ; Webber; W. Robert S.; Cristion; John A. Automatic detection of seizures using electroencephalographic signals . US Patent # 5,311,876
2. Lesser; Ronald P.; Webber; W. Robert S. Technique for using heat flow management to treat brain disorders US Patent # 6,248,126

MISCELLANEOUS

1. Four Channel Averager Plus Triggered Stimulation. Lesser RP, Schick G, and Zablow L. Decus Program Number LINC-126, Digital Equipment Corporation Users Society, 1977.
2. Rapid Capsule Wall Formation. Lesser RP and Engel M. Neurology 28:203-204, 1978. (Letter)
3. "Neurological Examination," "Record of Muscle Strength," "Record of Mental Function." Revision and development of forms in use at The Neurological Institute of New York, Columbia-Presbyterian Medical Center, New York.
4. "Pingpong gaze" Amplified. Reynard M, Wertenbaker C, Behrens M, Lesser R. et al. Neurology

- 29:757-758, 1979. (Letter)
5. Parkinsonism and Long-Term Levodopa. Lesser R and Fahn S. *Neurology* 30:1136-1137, 1980. (Letter)
 6. Guest Editor, Special Section on Epilepsy, *Cleveland Clinic Quarterly*, Summer 1984.
 7. Comments to article. Lesser RP and Hardy RW. A Quantitative Assessment of the Brain Stem Auditory Evoked Response During Intraoperative Monitoring by Zappulla R, Greenblatt E, Kaye S, Malis L. *Neurosurgery* 15:186-191, 1984.
 8. Other Reports of Pilomotor Seizures. Lesser RP, Lüders H, Resor S. *Neurology* 35:286-287, 1985. (Letter)
 9. Principles of Antiepileptic Drug Monitoring. Pippenger CE and Lesser RP. In: Hauser WA (project director). *Current Trends in Epilepsy: A Self-Study Course for Physicians*. New York State Epilepsy Association, 1985.
 10. Comments to article. Lesser RP and Little JR. Limitations of Brain Stem Auditory Evoked Potentials for Intraoperative Monitoring During a Posterior Fossa Operation: Case Report and Technical Note by Piatt JH Jr., Radtke RA, Erwin CW. *Neurosurgery* 16:818-821, 1985.
 11. Co-chair, Session on Clinical Epileptology. American Epilepsy Society Annual Meeting. New York, New York, December 3, 1985.
 12. Guidelines in Electroencephalography - 1985. (Revisions of Guidelines 1-6 of American EEG Society). *J Clin Neurophysiol* 3(2):131-168, 1986 (committee chairman).
 13. Preface. American Electroencephalographic Society Guidelines in EEG and Evoked Potentials 1986. *J. Clin. Neurophysiol* 3:V, 1986.
 14. Clinical Preceptor, Public Health and Medical Aspects of Epilepsy. Clinical Education Program for Parke-Davis/ Warner-Lambert Company Drug Representatives. Baltimore, Maryland. March 25-26, 1987.
 15. Markers of Focal Epilepsy. Lesser RP. *Annals of Neurology*, Vol 21 (3):313, 1987. (Letter)
 16. Intraoperative Somatosensory Evoked Potentials. Lesser RP. *Annals of Neurology* 21 (3):314-315, 1987. (Letter).
 17. Invited Discussant, "Effect of Seizure Control on Behavior in Partial Seizures," by R.W. Homan and J.F. Collins. American Academy of Neurology Platform Session on Epilepsy I. April 19, 1988.
 18. Invited Discussant, "Speech Manifestations in Lateralization of Temporal Lobe Seizures," by M.T.

- Gabr, H. Lüders, D. Dinner, H. Morris, and E. Wyllie. American Academy of Neurology Platform Session on Epilepsy I. April 19, 1988.
19. Principles of Antiepileptic Drug Monitoring. Pippenger CE and Lesser RP. In WA Hauser, editor: Current Trends in Epilepsy: A self study course for physicians. New York State Epilepsy Association and College of Physicians and Surgeons of Columbia University 1986. Reprinted and Expanded by Epilepsy Foundation of America, 1988. Unit II, pp. 23-39.
 20. William G. Lennox International Visiting Professor (Awarded by the Epilepsy Foundation of America), University Hospital, Umeå, Sweden. October 23 - November 6, 1989.
 21. Faculty, "Milestones in Medicine: New Horizons in the Control of Seizure Disorders". A Videotape production of the Epilepsy Foundation of America, 1989.
 22. Aphasia as the Initial Manifestation of Epilepsy (editorial). Mayo Clin Proc 66:325-326, 1991.
 23. Comments to article. Extent of Mesiotemporal Resection Determines Outcome after Temporal Lobectomy for Intractable Complex Partial Seizures. by Nayel MH, Awad IA, and Lüders H. Neurosurgery 29:55-61, 1991.
 24. American Electroencephalographic Society Guidelines for Standard Electrode Position Nomenclature. Sharbrough F, Chatrian G-E, Lesser RP, Lüders H, Nuwer M, Picton TW. J Clin Neurophysiol 8:200-202, 1991.
 25. Chair, Session on Epilepsy: Behavioral and Cognitive Aspects, American Academy of Neurology Annual Meeting, New York, New York, April 27, 1993.
 26. Consultant, "Mind and Brain. Journey through the Mind and Body" by the Editors of Time-Life Books, Time-Life Books, Alexandria, Virginia, 1993.
 27. Co-moderator, Platform Session D1, American EEG Society Annual Meeting, New Orleans, Louisiana, October 11-12, 1993.
 28. Arroyo S and Lesser RP. PET, MRI, and Epilepsy. Neurology 43:2156, 1993 (letter).
 29. Automatic detection of seizures using electroencephalographic signals. Olsen DE, Lesser RP, Harris JC, Webber WRS, Cristion JA. United States Patent # 5,311,876, 1994.
 30. Psychogenic seizures. Lesser RP. Neurology 48:788, 1997 (letter).
 31. Co-Chair, Symposium on Clinical and Economic Considerations of Epilepsy and its Medical Management.. Convened for the American Journal of Managed Care. Dallas, Texas May 17, 1998.
 32. Ventricular asystole during vagus nerve stimulation for epilepsy in humans (letter). Neurology 54:776, 2000.

33. Technique for using heat flow management to treat brain disorders. R Lesser and WRS Webber. US Patent # 6,248,126.
34. Effect of food on absorption of Dilantin Kapseals and Mylan extended phenytoin sodium capsules. Neurology 58:667, 2002. (Letter).
35. Remission of intractable partial epilepsy following implantation of intracranial electrodes. Neurology 58:1317, 2002. (Letter)